

Workstations & UE1/2 Options

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Storage - Please see Section 5

Workstations & UE1/2 Options

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Workstations & UE1/2 Options

An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Disc Cat	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 5	Ultra 10	Ultra 30	Ultra 60
CPU MODULES											Internal Options
X1187A+	CPU Module: 167MHz with 512KB cache for Ultra 2	\$5,000	A				✓ S				
X1188A+	CPU Module: UltraSPARC-I 200 MHz with 1MB cache for Ultra 2	\$9,000	A				✓ S				
X1191A+	CPU Module: UltraSPARC-II 300MHz with 2MB cache for Ultra2	\$10,000	A				✓ S, N				
MEMORY											Internal Options
X132M	Memory Expansion: 32MB (32MB JEDEC SIMM)	\$400	A*	✓							
(X)7002A ●	Memory Expansion: 64MB (2 x 32MB SIMMs)	\$700	A*		✓ S	✓	✓ S, N			✓	✓
(X)7003A ●	Memory Expansion: 128MB (2 x 64MB SIMMs)	\$1,400	A*		✓ S	✓	✓ S, N			✓	✓
(X)7004A ●	Memory Expansion: 256MB (2 x 128MB SIMMs)	\$3,400	A*		✓ S	✓	✓ S, N			✓	✓
X7030A	Memory Expansion: 64MB (2 x 32MB DIMMs)	\$525	H					✓ S	✓ S		
X7031A	Memory Expansion: 128MB (2 x 64MB DIMMs)	\$950	H					✓ S	✓ S		
X7032A	Memory Expansion: 256MB (2 x 128MB DIMMs)	\$1,995	H					✓ S	✓ S		
INTERNAL MASS STORAGE											Internal Options
X5175A	Internal Disk Drive: 2.1GB (5400 RPM Fast/Wide SCSI-2 SC)	\$800	A*		✓ S						
(X)5214A	Internal Disk Drive: 4.2GB (7200 RPM Fast/Wide SCSI-2) (Ultra 30 operates at UltraSCSI mode)	\$1,050	A*			✓	✓ S			✓	✓
X5227A	Internal Disk Drive: 4.3GB (5400 RPM EIDE) for Ultra 10	\$375	H					S	✓ S		
X5229A	Internal Disk Drive: 9.1GB (7200 RPM UltraSCSI)	\$1,700	A				✓ S, N			✓	
X5232A	Internal Disk Drive: 18.2GB (7200 RPM UltraSCSI)	\$2,850	A							✓	
(X)5251A	Internal Disk Drive: 9.1GB (7200 RPM Fast/Wide SCSI-2)(Ultra 30 operates at UltraSCSI mode)	\$2,200	A*							✓	✓
X6001A	Internal Floppy Disk Drive: 1.44MB for Ultra 1	\$150	A		✓ S	✓					
X6002A	Internal Floppy Disk Drive: 1/2" high 1.44MB for SPARCstation 4, 5, and 20	\$250	A	✓							
X6003A	Internal Floppy Disk Drive: 1.44MB with cable for Ultra 2	\$150	A				✓ S N				
X6004A	Internal Floppy Disk Drive: 1.44MB with manual eject for Ultra 30	\$150	A							✓	✓
X6106A	Internal Tape Drive: 4-8 GB SLR for Ultra 30	\$900	N/C							✓	✓
X6161A	Internal CD-ROM Drive: SunCD 12 for the FlexiPack	\$300	A		✓ S	✓				✓	✓
X6162A	Internal CD-ROM Drive: SunCD 12 for SPARCstation 5	\$300	A	✓							
X6163A	Internal CD-ROM Drive: SunCD 12 for Ultra 2 and Enterprise 2	\$300	A				✓ S				
X6170A	Internal CD-ROM Drive: 24x CD-ROM for Ultra 5/10	\$150	H					✓ S	✓ S		
(X)6212A	Internal Tape Drive: 14GB 8mm for Ultra1/Ultra2/FlexiPack NOTE: For Ultra 2 platform, also order cable X3860A to attach internal storage peripherals. For server platforms, CD-ROM must be removed.	\$1,700	A		✓ S	✓	✓ S			✓	✓
(X)6282A	Internal Tape Drive: 12-24GB 4mm DDS-3 for Ultra 1 and 2. NOTE: Requires Solaris 2.4 or later. Supported by Solstice Backup 4.2. When ordering an Ultra 2, SCSI cable X3860A must also be ordered.	\$1,700	A		✓ S	✓	✓ S			✓	✓

✚ CPU modules in a single system must be of the same speed.

● Ultra 1: SPARCstation 20 memory is supported if it is in groups of 2 Ultra 1 identical SIMMs.

Ultra 2: SPARCstation 20 memory is supported if it is in groups of 4 identical SIMMs (SIMMs need to be upgraded in groups of four).

Ultra 30/60: SPARCstation 20 memory is supported if it is in groups of 2 or 4 identical SIMMs. Recommend to upgrade in groups of 4.

Workstations & UE1/2 Options

An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Disc Cat	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 5	Ultra 10	Ultra 30	Ultra 60
SBUS						Internal Options					
X1004A	Token Ring Interface / SBus (TRI/S) for Solaris 1.x NOTE: Requires Solaris 1.1.1 Version B or higher.	\$1,495	B	✓			N				
X1008A	Serial Parallel Controller (SP/C) NOTE: Requires Solaris 1.x, or Solaris 2.3 or later	\$1,095	A	✓	✓ S	✓	✓ S, N				
X1009A	High-Speed Serial Interface / SBus (HSI/S) for Solaris 1.x NOTE: Requires Solaris 1.1.1 Version B or higher.	\$2,495	B	✓							
X1012A	SunISDN Expansion Kit, SunISDN Card, Certification Labels, and SunISDN Enabling Kit 1.0.3	\$595	A	✓	✓ S	✓	✓ S				
(X)1014A	Token Ring Interface / SBus (TRI/S) (Solaris 2.x) NOTE: Requires Solaris 2.3 (5/94) or higher.	\$1,350	B	✓	✓ S	✓	✓ S, N				
(X)1018A	SunSwift 100Base-T Fast/Wide SCSI SBus Adapter NOTE: Requires Solaris 2.5 or higher.	\$1,095	A	✓	✓ S	✓	✓ S				
(X)1019A	High-Speed Serial Interface / SBus (HSI/S) for Solaris 2.x NOTE: Requires Solaris 2.3 (5/94) or higher.	\$2,275	B	✓	✓ S		✓ S				
(X)1021A	Sun SBus Prestoserve™ NFS Accelerator	\$2,995	A	✓	✓ S	✓	✓ S				
(X)1025A	SunFDDI 5.0 Single-attach SBus adapter (SAS)	\$2,500	A	✓	✓ S	✓	✓ S, N				
(X)1026A	SunFDDI 5.0 Dual-attach SBus adapter (DAS)	\$3,775	A	✓	✓ S	✓	✓ S, N				
X1030A	PCMCIA Interface/SBus Card NOTE: SS5 requires Solaris 2.3 (5/94) or later, or 2.3 Ed. II	\$295	A	✓	✓ S	✓	✓ S				
(X)1045A	Sun Gigabit Ethernet /S 1.0 Network Interface Card NOTE: Requires Solaris 2.5 or higher.	\$2,295	A				✓ S, N				
X1049A	Quad FastEthernet 2.0 SBus Card (QFE) Supports Sun Trunking 1.0 Software NOTE: SS5 requires Solaris 2.3 (5/94) or later	\$1,995	A	✓	✓ S	✓	✓ S, N				
(X)1053A	SBus Fast SCSI-2 / Buffered Ethernet Card (FSBE/S)	\$1,095	A	✓	✓ S	✓	✓ S				
(X)1054A	SBus SCSI/Buffered Ethernet Card (SBE/S)	\$1,095	A	✓	✓ S	✓	✓ S				
X1055A	SBus SCSI Host Adapter	\$495	A	✓	✓ S	✓	✓ S				
(X)1057A	25 MB/s Fibre Channel/SBus Host adapter, single-channel host connection for SPARCstorage Array NOTE: Requires Solaris 2.3 or higher.	\$1,600	A				N				
(X)1059A	SunFastEthernet 10/100 SBus Adapter 2.0 SBus Card, and Solaris 1.x Driver NOTE: Requires Solaris 1.1.2, or Solaris 2.5 or later.	\$795	A	✓	✓ S	✓	✓ S, N				
(X)1060A	SunATM-155/MFiber SBus Adapter 2.0 NOTE: Requires Solaris 2.4, Hardware: 11/94 or later.	\$1,295	A	✓	✓ S	✓	✓ S, N				
(X)1061A	SunATM-155/UTP5 SBus Adapter 2.0 NOTE: Requires Solaris 2.4, Hardware: 11/94 or later.	\$995	A	✓	✓ S	✓	✓ S, N				
(X)1062A	SBus Fast/Wide Differential Intelligent SCSI-2 Host Adapter (DWIS/S) NOTE: Requires Solaris 2.3 or later.	\$1,295	A		✓ S	✓	✓ S, N				

SBus options continued on next page.

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SBUS (cont.)						Internal Options					
(X)1063A	SBus Single-Ended Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S) NOTE: Requires Solaris 2.3 or later.	\$1,195	A	✓	✓ S	✓	✓ S, N				
(X)1064A	SunATM-622/MFiber SBus Adapter NOTE: Requires Solaris 2.4, Hardware: 11/94 or later and two available SBus slots.	\$4,995	A		✓ S	✓	✓ S, N				
X1075A	SBus NVRAM Card, 32MB for Netra NFS 2/1300 & 2/2300	\$6,895	A				N				
X1129A-4.2-P	SunPC 133-MHz X86 card with SunPC 4.2 software. NOTE: Requires Solaris 2.4 or later, a minimum of 32MB RAM (48MB recommended), 12MB FOR SunPC/MS-DOS plus 10MB for Microsoft Windows, 2MB standard up to 16MB extended/expanded memory (8-16MB recommended)	\$395	A	✓	✓ S	✓	✓ S				
X453A	SBus Ethernet Controller with Thin Ethernet transceiver and Thick and Thin Ethernet connectors. NOTE: Only one SBus Ethernet Controller can be added to systems with one internal disk.	\$400	A	✓							
PCI BUS						Internal Options					
X1032A	SunSwift 10/100BaseT Fast/Wide UltraSCSI PCI Adapter 1.0 NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$995	A					✓ S	✓ S	✓	✓
X1033A	Sun FastEthernet 10/100BaseT PCI Adapter 2.0 with MII NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$695	A					✓ S	✓ S	✓	✓
(X)1034A	Sun Quad FastEthernet (QFE) PCI Adapter NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$1,795	A					✓	✓	✓	✓
X1035A▼	Sun FDDI Single-Attach PCI Bus Interface Adapter 1.0	\$2,295	A					✓ S	✓ S	✓	✓
X1036A▼	Sun FDDI Dual-Attach PCI Bus Interface Adapter 1.0	\$3,395	A					✓ S	✓ S	✓	✓
X1039A▼	Sun Token Ring Interface (TRI) PCI Bus Adapter 1.0	\$1,195	A					✓ S	✓ S	✓	✓
X1040A▼	Sun High-Speed Serial Interface (HSI) PCI Bus Adapter 1.0	\$1,995	A					✓ S	✓ S	✓	✓
X1041A▼	Sun Serial Asynchronous Interface (SAI) PCI Bus Adapter 1.0	\$995	A					✓ S	✓ S	✓	✓
(X)1044A	Sun Gigabit Ethernet /P 1.0 Interface PCI Adapter NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$2,095	A					✓	✓	✓	✓
X1066A	SunATM/P-155MMF 3.0 PCI Bus Adapter	\$1,095	A					✓	✓	✓	✓
X1067A	SunATM/P-155UTP 3.0 PCI Bus Adapter	\$895	A					✓	✓	✓	✓
X1068A	SunATM/P-622MMF 3.0 PCI Bus Adapter	\$3,995	A					✓	✓	✓	✓
X6540A	Dual-Channel Single-ended Ultra SCSI Host Adapter, PCI	\$750	A					S	S		
X6540A	Dual-Channel Differential Ultra SCSI Host Adapter, PCI	\$1,440	A					S	S		
ETHERNET SWITCH						Internal Options					
(X)1046A	Gigabit Ethernet Switch NOTE: Requires Solaris 2.5 or higher.	\$9,995	A				✓ S, N	S	S		
SWITCH-1.0-B	SunSwitch Manager	N/C	N/D								

▼Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server

Workstations & UE1/2 Options

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SUN VIDEO & MULTIMEDIA								Internal Options			
X1085A	SunVideo video capture and compression SBus board <u>NOTE:</u> Requires Solaris 2.3 (5/94) or later. Also supported on SS5 with Solaris 2.3 Ed. II	\$1,495	A	✓	✓	✓	✓				
X1086A	SunVideo Plus Realtime Video/Audio Capture and Compression Board & Driver CD <u>NOTE:</u> Requires Solaris 2.3 (5/94) or later. Also supported on SS5 w/ Solaris 2.3 Ed. II	\$1,195	B								
X488A	Multimedia Kit, SunVideo, Camera and Documentation, US NTSC version. <u>NOTE:</u> Requires Solaris 2.4 or later.	\$1,895	A	✓	✓	✓	✓				
X488A-EU	Multimedia Kit, SunVideo, Camera and Documentation, Continental Europe version. <u>NOTE:</u> Requires Solaris 1.1.2, 2.5 or later.	\$1,895	A	✓	✓	✓	✓				
X488A-UK	Multimedia Kit, SunVideo, Camera and Documentation, UK version. <u>NOTE:</u> Requires Solaris 1.1.2, 2.5 or later.	\$1,895	A	✓	✓	✓	✓				
X489A	PCI Multimedia Kit, SunVideo Plus, NTSC SunCamera II, Sun Mic II, and Doc, US version. <u>NOTE:</u> Requires Solaris 2.3 (5/94) or later. Also supported on SS5 w/ Solaris 2.3 Ed. II.	\$1,595	B					✓	✓	✓	✓
X489A-EU	PCI Multimedia Kit, SunVideo Plus, PAL SunCamera II, Sun Mic II, and Doc, cont. Europe version. <u>NOTE:</u> Requires Solaris 2.3 (5/94) or later. Also supported on SS5 w/ Solaris 2.3 Ed. II.	\$1,595	B					✓	✓	✓	✓
X489A-UK	PCI Multimedia Kit, SunVideo Plus, PAL SunCamera II, Sun Mic II, and Doc, UK version. <u>NOTE:</u> Requires Solaris 2.3 (5/94) or later. Also supported on SS5 w/ Solaris 2.3 Ed. II.	\$1,595	B					✓	✓	✓	✓

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EXTERNAL MASS STORAGE											External Options
(X)6071A(R5) ▲	Tape Autoloader: DLT4700 in External Desktop Enclosure w/ 50-68 & 68-68 pin SCSI cables	\$13,500	A		S		S, N	S	S		
(X)6226A(R4/5)	Library: 400GB 8mm, Model 8/400, Rack-Mountable Unit with Tape Drives <i>NOTE:</i> Requires Solaris 2.5 or later and a DWIS/S host adapter for every 2 drives ordered	\$23,500	A				N				
X6227A +	Library: 140GB 8mm with 1 Internal Drive in Tower Unit	\$8,200	A*	✓ ▼	✓ S ▼	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
(X)6228A(R4/5)	Library: 140GB 8mm with 1 Internal Drive in Rackmount Unit	\$8,200	A				N				
X6229A+	14GB 8mm Internal Tape Option for 140GB 8mm Tape Libraries	\$2,225	A	For SSL Model 8/140							
SG-XLIB8MM1-400G	Library: 400-800GB 8mm Model 8/400 in Tower Unit with 2 tape drives	\$22,300	A	✓	✓ S	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
ENTERPRISE TAPE LIBRARIES											External Options
X3830A	4-meter 68 pin to VHDC differential UltraSCSI cable	\$165	A		N		N				
X3831A	10-meter 68 pin to VHDC differential UltraSCSI cable	\$265	A		N		N				
X6063A	DLT7000 drive option for the ETL 4/1800 and ETL 7/3500 <i>NOTE:</i> Requires Solaris 2.5 or later, and cable X979A for every two drives ordered	\$12,900	A	For the ETL 4/1800 and ETL 7/3500							
X6073A ■	ETL 4/1800 with 2 DLT7000 Tape Drives & 52 slots	\$70,000	A		✓ S	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
X6074A ■	ETL 4/1800 with 4 DLT7000 Tape Drives & 52 slots	\$95,000	A		✓ S	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
X6075A ■	ETL 7/3500 with 2 DLT7000 Tape Drives & 100 slots	\$83,000	A		✓ S	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
X6076A ■	ETL 7/3500 with 7 DLT7000 Tape Drives & 100 slots	\$145,500	A		✓ S	✓	✓ S, N	✓ ● S	✓ ● S	✓	✓
X979A	12-meter Differential SCSI Cable	\$265	N/D								
MULTIPACKS & THEIR EXPANSION DRIVES											External Options
X5214A	Internal Disk Drive for MultiPack: 4.2GB 7200RPM Fast/Wide SCSI-2	\$1,300	A*	For Desktop Multipack 12							
X5251A	Internal Disk Drive for MultiPack: 9.1GB 7200RPM Fast/Wide SCSI-2	\$2,200	A	For Desktop Multipack 6							
X6520A	Internal Disk Drive for MultiPack: 2.1GB 7200RPM Fast/Wide SCSI-3	\$950	A*	For Desktop Multipack 12							
SG-XDSK020A-8G	StorEdge Multipack: 8.4GB (2x4.2GB, 7200RPM)	\$3,100	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK020A-18G	StorEdge Multipack: 18.2GB (2x9.1GB, 7200RPM)	\$4,400	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK020B-36G	StorEdge Multipack: 36.4GB (2x18.2GB, 7200RPM)	\$6,700	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK040A-16G	StorEdge Multipack: 16.8GB (4x4.2GB, 7200RPM)	\$5,200	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK040A-36G	StorEdge Multipack: 36.4GB (4x9.1GB, 7200RPM)	\$7,800	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK040B-72G	StorEdge Multipack: 72.8GB (4x18.2GB, 7200RPM)	\$12,400	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK060A-25G	StorEdge Multipack: 25.2GB (6x4.2GB, 7200RPM)	\$7,300	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK060A-54G	StorEdge Multipack: 54.6GB (6x9.1GB, 7200RPM)	\$11,200	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK060B-109G	StorEdge Multipack: 109.2GB (6x18.2GB, 7200RPM)	\$18,100	A	✓ N	✓ S, N	✓	✓ S, N	✓ S	✓ S	✓	✓

+ Requires Solaris 2.3 or later

▲ Requires Solaris 2.4 or later

● Ultra 5/10: Order appropriate PCI SCSI Adapter Card. SCSI is not standard on Ultra 5/10 systems.

▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality

■ Requires Solaris 2.5 or later; DWIS/S host adapter for every 2 drives ordered

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.

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SPARCstorage UNIPACK						External Options					
X5209A +	UniPack: 4.2GB 7200 RPM Fast/Wide SCSI-2 with 68-68 pin SCSI cable NOTE: Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$1,525	A*			✓	✓ S	✓ ■	✓ ■	✓	✓
X6157A +	UniPack: SunCD 12 with 68-68 SCSI cable NOTE: Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*		✓ N	✓	✓ S, N	✓ ■ S	✓ ■ S	✓	✓
X6158A ●	UniPack: SunCD 12 with 50-68 SCSI cable NOTE: Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*	✓ N	✓ S						
SG-XTAPSLR-010A	UniPack: 4-8GB SLR Tape Drive	\$1,075	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK010A-4G	StorEdge UniPack: 4.2GB (7200RPM)	\$1,275	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK010A-9G	StorEdge UniPack: 9.1GB (7200RPM)	\$1,925	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XDSK010B-18G	StorEdge UniPack: 18.2GB (7200RPM)	\$3,075	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP4MM-010A	UniPack: 4-8GB 4mm DSS-2	\$1,425	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP4MM-011A	UniPack: 12-24GB 4mm DSS-3	\$1,875	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP8MM-010A	UniPack: 7-14GB 8mm	\$1,875	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP8MM-011A	UniPack: 20-40GB 8mm	\$4,975	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
Upgrades						External Options					
UG-TAPE-SLR	StorEdge UniPack with upgrade to 4-8GB SLR tape drive	\$875	A								

- + Requires 68-68 pin cables to connect a UniPack to another UniPack or to a wide SCSI host adapter
- Requires 50-68 pin cables to connect a UniPack to a 50 pin SCSI host adapter, desktop storage or disk pack
- ▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality
- Ultra 5/10: Order appropriate PCI SCSI Adapter Card. SCSI is not standard on Ultra 5/10 systems

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SPARCstorage FLEXIPACK						External Options					
X6159A +	Flexipack: SunCD 12 with 68-68 pin SCSI cable & 1 open half-height expansion bay	\$700	A*			✓	✓ S, N	✓ ■ S	✓ ■ S	✓	✓
X6160A ●	Flexipack: SunCD 12 with 50-68 pin SCSI cable & 1 open half-height expansion bay	\$700	A*	✓	✓ S						
SG-XTAPSLR-020A	FlexiPack: 4-8GB SLR tape drive	\$1,350	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP4MM-020-A	FlexiPack: 4-8GB 4mm DDS-2	\$1,700	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP4MM-021-A	FlexiPack: 12-24GB 4mm DDS-3	\$2,150	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP4MM-031-A	FlexiPack: 72-144GB 4mm DDS-3 autoloader	\$4,500	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP8MM-020-A	FlexiPack: 7-14GB 8mm tape drive	\$2,150	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAP8MM-021-A	FlexiPack: 20-40GB 8mm tape drive	\$5,250	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAPDLT-020A	FlexiPack: 20-40GB DLT4000 tape drive	\$5,400	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
SG-XTAPDLT-021A	FlexiPack: 35-70GB DLT7000 tape drive	\$10,400	A	✓ N	✓ N	✓	✓ S, N	✓ S	✓ S	✓	✓
EXPANSION DRIVES for the FLEXIPACK						External Options					
X6106A	Internal Tape Drive: 4-8GB SLR for Ultra 30	\$900	A	✓	✓ S	✓	✓ S	✓ S	✓ S	✓	✓
X6161A	Internal CD-ROM Drive: SunCD 12 for the FlexiPack	\$300	A	✓	✓ S	✓	✓ S	✓ S	✓ S	✓	✓
X6236A	Internal Tape Drive: 20-40GB 8mm for the FlexiPack NOTE: Requires Solaris 2.5 or later.	\$4,800	A	✓	✓ S	✓	✓ S, N	✓ S	✓ S	✓	✓
X6265A	Internal Tape Drive: 4-8GB 4mm DDS-2 FlexiPack for the FlexiPack	\$1,250	A	✓	✓ S	✓	✓ S, N	✓ S	✓ S	✓	✓

Storage - Please see Section 5

- + Requires 68-68 pin cables to connect a UniPack to another UniPack or to a wide SCSI host adapter
- Requires 50-68 pin cables to connect a UniPack to a 50 pin SCSI host adapter, desktop storage or disk pack
- ▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality
- Ultra 5/10: Order appropriate PCI SCSI Adapter Card. SCSI is not standard on Ultra 5/10 systems

Workstations & UE1/2 Options

An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Disc Cat	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 5	Ultra 10	Ultra 30	Ultra 60
MONITORS											External Options
(see support matrix for information on required Video Connector Adapters)											
X7103A	17" Entry Level Color Monitor	\$900	A	✓	✓ S	✓	✓ S	✓ S	✓ S		
X7119A	19" color monitor	\$1,400	A	✓	✓ S	✓	✓ S	✓ S	✓ S		✓
X7121A	21" color monitor	\$2,100	A	✓	✓ S	✓	✓ S	✓ S	✓ S	✓	✓
X7124A	24" wide-screen color monitor	\$4,000	A			200E			✓ S	✓	✓
UG-MON-19-C	Monitor Upgrade to 19" color. Customer returns current Sun monitor.	\$1,095	A	✓	✓	✓	✓	✓	✓ S	✓	✓
UG-MON-21	Monitor Upgrade to 21" color. Customer returns current Sun monitor.	\$1,745	A	✓	✓	✓	✓	✓	✓	✓	✓
UG-MON-24	Monitor Upgrade to 24" color. Customer returns current Sun monitor (except 17" LC).	\$2,995	A			200E	✓ S		✓	✓	✓
GRAPHICS ACCELERATORS & ADAPTERS											External Options
(X)3653A	Graphics Acc: Creator Series 1, 24-bit color, single-buffered, horizontal board orient. & cable	\$1,050	A			✓	✓ S				
(X)3655A	Graphics Acc: TurboGXplus frame buffer & cable	\$2,050	A	✓	✓ S	✓	✓ S				
X3657A	Graphics Acc: Creator3D Series 2, 24-bit color, single-buffered, horizontal board orient. & cable	\$1,750	A			✓	✓ S			✓	
(X)3660A	PGX 8-bit color frame buffer PCI adapter & cable NOTE: Requires Solaris 2.5.1 hardware 4/97 or later	\$550	A					✓ S	✓ S		
X3662A	Graphics Acc: Creator Series 3, 24-bit color, single-buffered, vertical board orient. & cable	\$1,550	A						✓	✓	✓
X3663A	Graphics Acc: Creator3D Series 3, 24-bit color, single-buffered, vertical board orient. & cable	\$1,750	A						✓	✓	✓
X3664A	Graphics Acc: Elite3D m3, 24-bit color, single-buffered, vertical board orient. & cable	\$5,750	A						✓	✓	✓
X3665A	Graphics Acc: Elite3D m6, 24-bit color, single-buffered, vertical board orient. & cable	\$9,250	A							✓	✓
X3666A	Graphics Acc: Elite3D m6, 24-bit color, single-buffered, horizontal board orient. & cable	\$9,250	A							✓	✓
(X)3872A	Video Connector adapter, HD-15F to 13W3M	\$45	A				✓	✓ S	✓ S		✓
X470A	Video Connector adapter, 13W3F to HD15M	\$55	A					✓	✓		
(X)7110A	TurboGX frame buffer & cable	\$1,050	A	✓	✓ S	✓	✓ S				
UG-FFB-AFB-M3-V	Graphics Acc Upgrade: From any Creator graphics to Elite3D-m3, 24-bit color, double-buffered, vertical board orient. & cable. Customer returns frame buffer.	\$5,150	A						✓	✓	✓
UG-FFB-AFB-M6-V	Graphics Acc Upgrade: From any Creator graphics to Elite3D-m6, 24-bit color, double-buffered, vertical board orient. & cable. Customer returns frame buffer. NOTE: Requires Solaris 2.5 or later	\$8,650	A							✓	✓
UG-FFB-AFB-M6-H	Graphics Acc Upgrade: From any Creator graphics to Elite3D-m6, 24-bit color, double-buffered, horizontal board orient. & cable. Customer returns frame buffer. NOTE: Requires Solaris 2.5 or later	\$8,650	A							✓	✓
UG-FFB-FFB3-DB-V	Graphics Acc Upgrade: From any Creator graphics to Creator3D Series 3, 24-bit color, double-buffered, vertical board orient. & cable. Customer returns frame buffer.	\$1,150	A						✓	✓	✓
UG-GX-TX1	Color or GX frame buffer SBus upgrade to 1MB single-slot TurboGX SBus card. Customer returns color or GX card	\$760	A	✓	✓						
UG-TX1-TX4	TurboGX to TurboGXplus graphics board upgrade for SPARCstation 5. Customer returns GX, GXZ, or TGX frame buffer. NOTE: Requires Solaris 2.3 (8/94) or later. Occupies one SBus slot.	\$1,295	A	✓							

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.

Workstations & UE1/2 Options

An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Disc Cat	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 5	Ultra 10	Ultra 30	Ultra 60
INPUT DEVICES											External Options
X180A	SunButtons™ - 32-key function I/O device	\$1,400	A	✓	✓ S	✓	✓ S	✓	✓	✓	✓
X190A	SunDials™ - 8-dial interactive graphics I/O device for 3-D	\$1,800	A	✓	✓ S	✓	✓	✓	✓	✓	✓
PACKAGING											External Options
(X)956A	56" Enterprise Expansion Cabinet	\$8,000	A				N				
3800A	Power Cord for Enterprise System and Expansion Cabinet, US Version (NEMA L6-30P Plug)	N/C	N/D				N				
CABLES & ACCESSORIES											External Options
(X)3500A	Type 5 Country Kit - North American PC-101 style (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓	✓	✓
(X)3540A	Type 5 Country Kit - North American UNIX (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓	✓	✓
X3856A	SCSI Cable: Fast/Wide 68-68 pin SCSI Cable and GEO-specific power cord	\$55	A			✓	✓ S, N	✓ S	✓ S	✓	✓
X3857A	SCSI Cable: Fast/Narrow 50-68 pin SCSI Cable and GEO-specific power cord	\$55	A	✓ N	✓ S, N						
X3860A	SCSI-2 Cable: Fast/Narrow for Ultra 2 X-options.	\$25	A				✓ S, N				
(X)795A(R5)	Controller Assembly w/ 15-meter Fibre Channel Cable	\$13,000	A				N				✓
X907A	Auxiliary IEC Power Cable: 1.5 meter	\$15	N/D		✓	✓					
X908A	Auxiliary IEC Power Cable: 2.5 meter	\$15	N/D		✓	✓					
(X)976A	Adapter Cable: Centronics-compatible parallel port	\$75	B	✓							
X979A	SCSI Cable: 12-meter Differential	\$265	N/D								
X981A	Adapter Cable: AUI Only	\$75	B	✓							

Monitor/Graphics Accelerators/Systems Support Matrix					
MONITORS					
SYSTEMS	GRAPHICS	17" X7103	19" X7119A	21" ¹ X7121A	24" X7124A
Ultra 5	On-board 8-bit PGX	Yes	Yes	Yes Requires X470A	No
Ultra 10	On-board 8-bit PGX	Yes	Yes	Yes Requires X470A	No
Ultra 10	Creator Creator 3D	Yes Requires X3872A	Yes Requires X3872A	Yes	Yes With Creator3D only
Ultra 10	Elite3D-m3	Yes Requires X3872A	Yes Requires X3872A	Yes	No ²
Ultra 60	Creator Creator 3D	No	Yes Requires X3872A	Yes	Yes With Creator3D only
Ultra 60	Elite3D-m3 Elite3D-m6	No	Yes Requires X3872A	Yes	No ²
X3872A	Video Connector Adapter HD15F to 13W3M				
X470A	Video Connector Adapter 13W3F to HD15M				

NOTES:

¹ The 21" monitor supports up to 1600x1200 at 75Hz maximum (VESA timing).

² Elite3D does not support 1920x1200 resolution.

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.
Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.

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